

FIG. 1

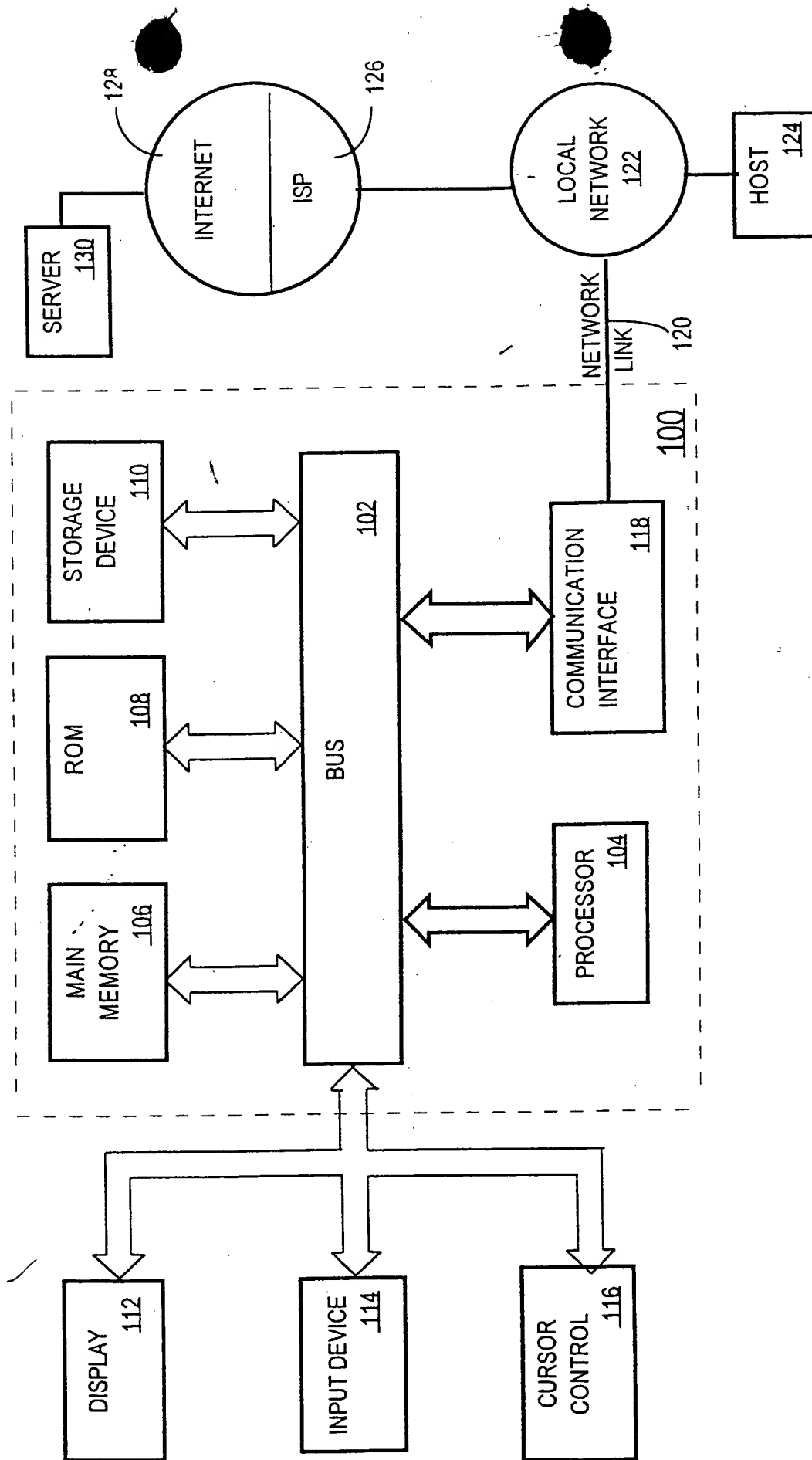


FIG. 2

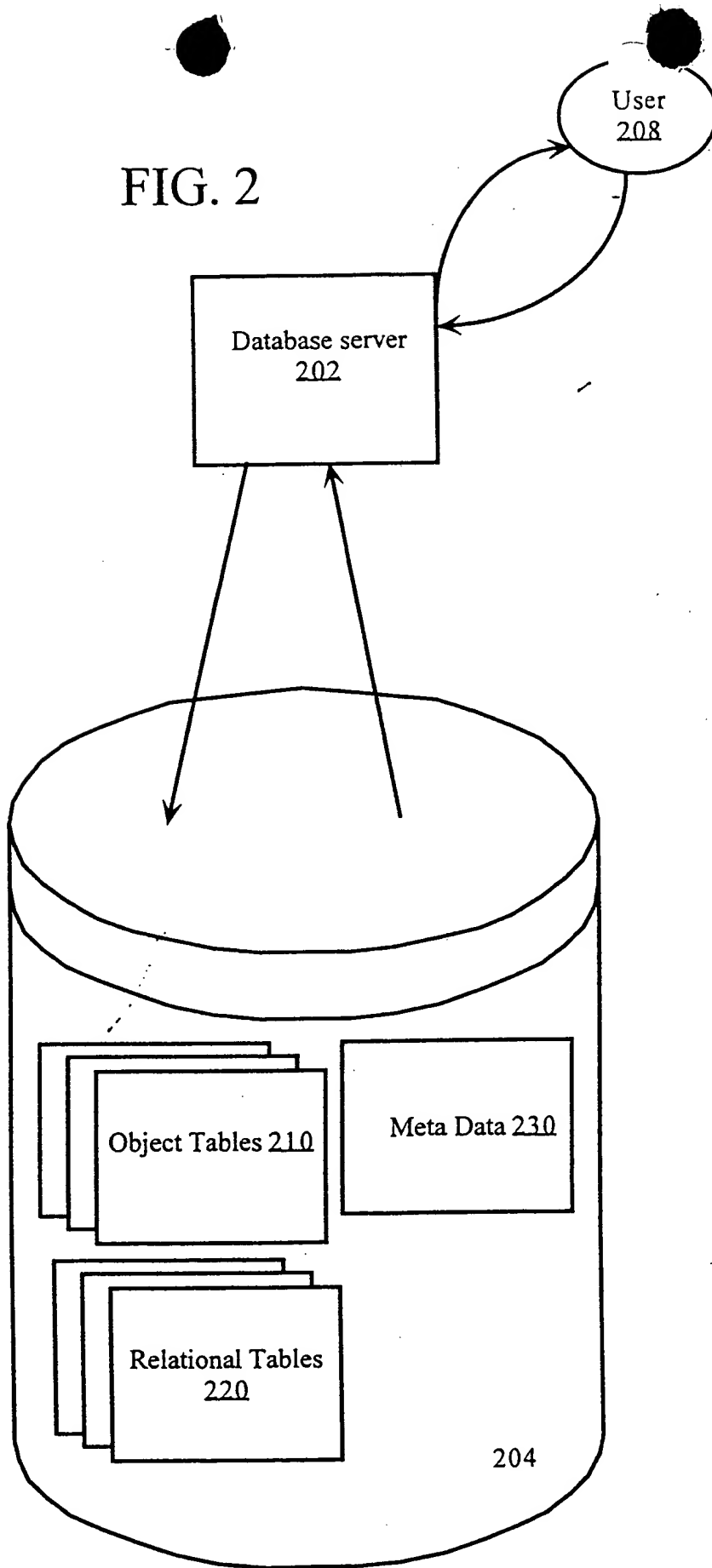


FIG. 3A

FORMER- EMPLOYEE Table Definition

Create Table FORMER EMPLOYEE (

NAME VARCHAR (30),
SSN VARCHAR (11),
STATE VARCHAR (2));

FIG 3B

Table FORMER_EMPLOYEE

Name	SSN	State
Frank Doe	999-99-997	CA
Jane Doe	999-99-998	CA

09547191-041100 DOT.F40.T6F.24560

FIG. 3C

```
OT_EMPLOYEE
Create Type OT_EMPLOYEE As Object (
    NAME VARCHAR2 (20),
    SSN VARCHAR2 (11),
    STATE REF STATE));
```

FIG. 3D

Table CURRENT_EMPLOYEES

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OID	Name	SSN	State
000000	John Doe	999-99-9999	CA
000001	Jane Doe	999-99-9998	AL

[illegible]

Where FORMER_EMPLOYEE. STATE=STATE. ABBR;

TABLE STATE

NAME	ABBR
California	CA
Alabama	AL

FIG. 3E

Create View OV_FEMPLOYEE of OT_EMPLOYEE
With Object OID (SSN)
As Select NAME, SSN, STATE
From FORMER_EMPLOYEES

FIG. 3F

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OID	NAME	STATE
999-99-9999	Frank Doe	CA
999-99-9998	Jane Doe	CA

001140" F6T24560

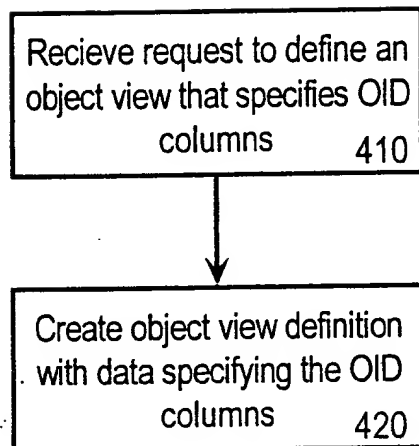


Fig. 4A

SECRET

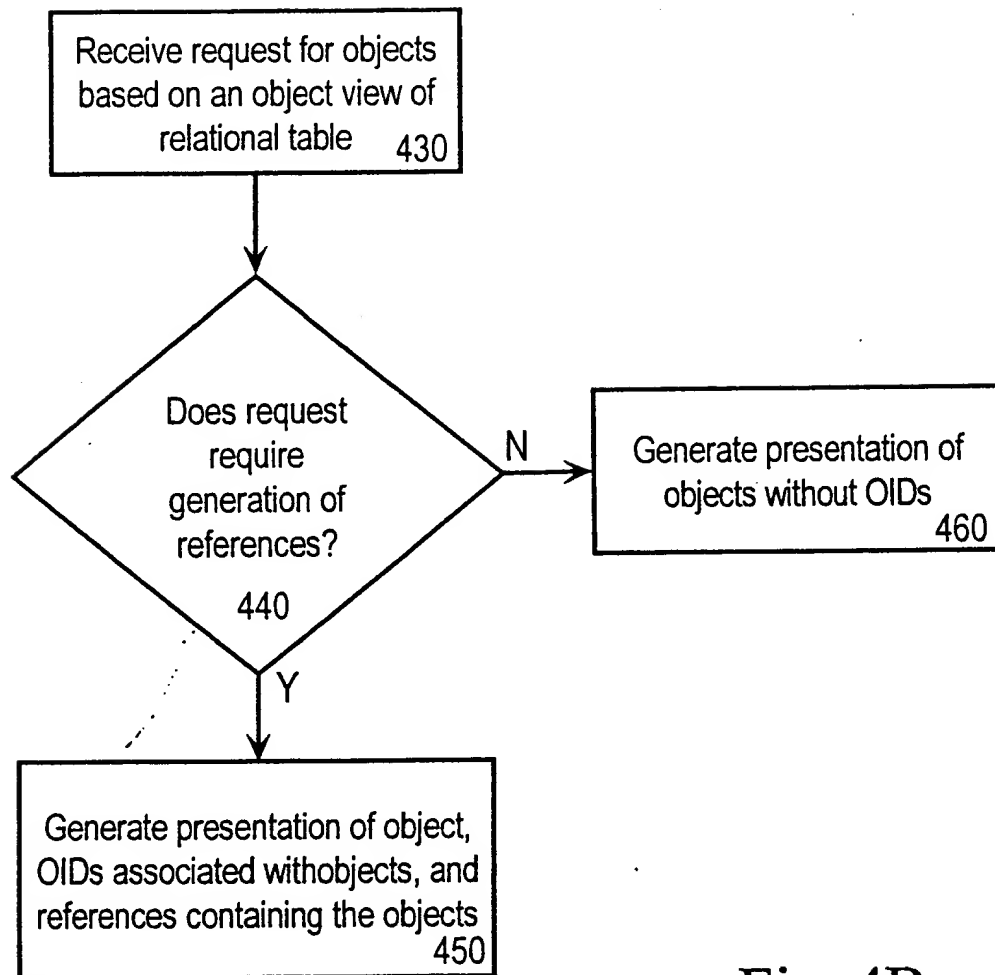


Fig. 4B

007740" T6T24560

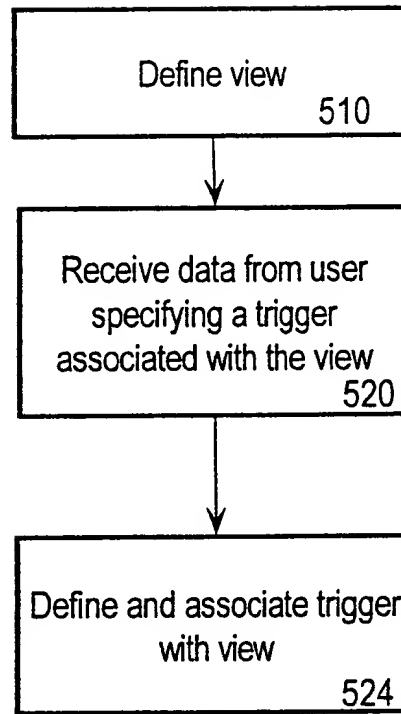


Fig. 5A

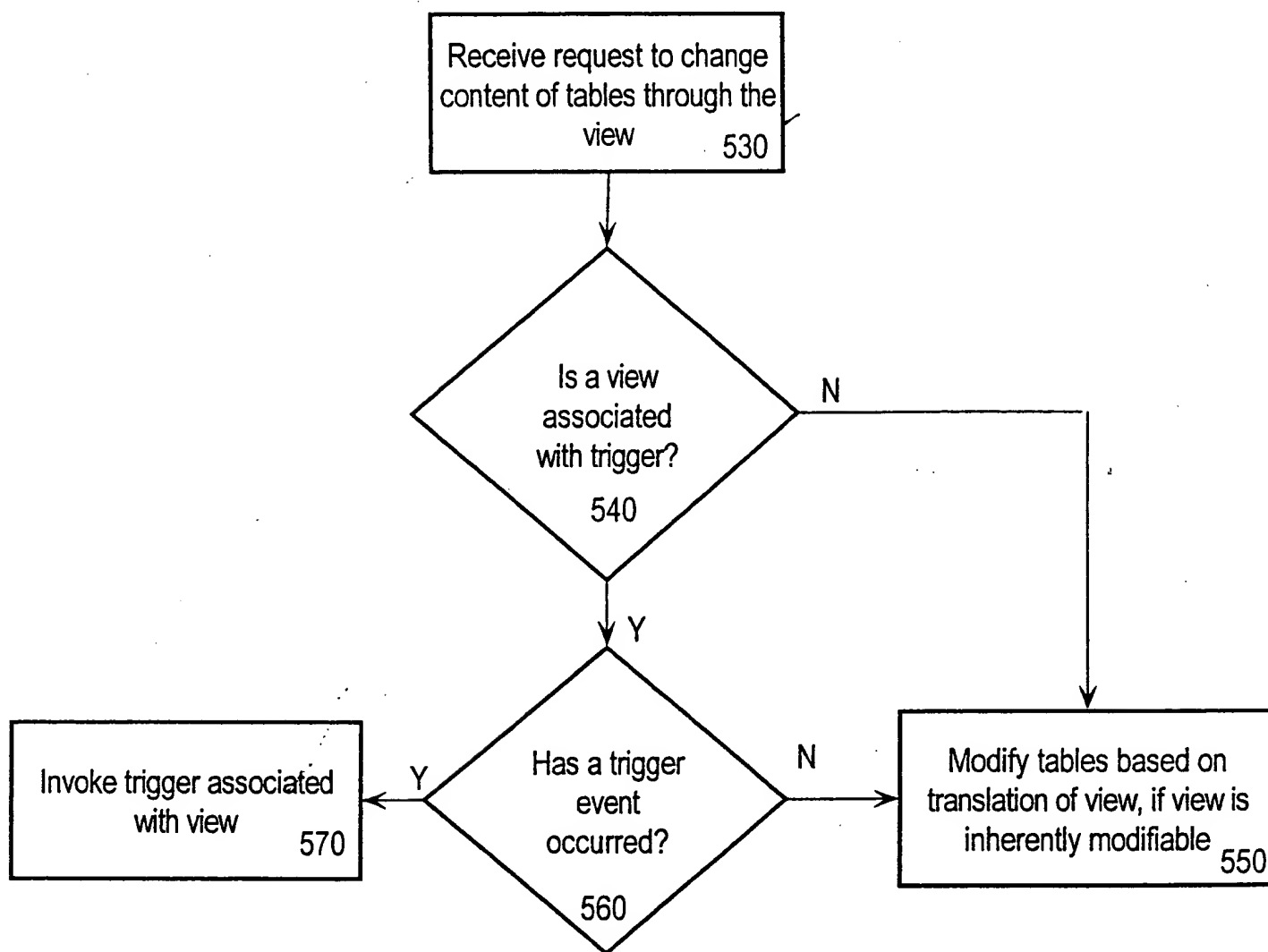
[illegible]

Fig. 5B

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)

Create Table PERSON (
NAME VARCHAR(30),
SSN VARCHAR(9),
FATHER_SNN VARCHAR(9),
MOTHER_SNN VARCHAR(9),
);

FIG. 6C

Create Type OT_PERSON_ID as Object (
NAME VARCHAR(30),
SSN VARCHAR(11)
);

FIG. 6D

Create LIST_OF_CHILDREN as Table of OT_PERSON_ID;

FIG. 6E

Create LIST_OF_PARENTS as VARRAY(2) of OT_PERSON_ID;

FIG. 6F